

JOYEL VARGHESE

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Professional Summary

Full Stack MERN Developer with strong hands-on experience delivering production-ready web applications across frontend and backend systems. Skilled in React.js, Node.js, Express.js, and MongoDB, with a deep understanding of RESTful API design, authentication, scalable architecture, and performance optimization. Comfortable taking full ownership of features and delivering reliable solutions independently in fast-paced development environments.

Technical Skills

Languages: JavaScript, SQL, NoSQL, Typescript

Frontend: HTML, CSS, Bootstrap, React.js, Next.js, Tailwind CSS

Backend: Node.js, Express.js, REST APIs

Databases: MongoDB, PostgreSQL

Dev Tools: Git, GitHub, Postman, AWS, Vercel, VS Code

Others: Redux, JWT, OAuth 2.0, Socket.io, Razorpay, Stripe, Cloudinary, Multer, DSA

Experience

Frontend Developer – Authority Entrepreneurs Ltd, Hyderabad (Remote) July 2025 – October 2025

- Upgraded responsive web interfaces using HTML, CSS, JavaScript, and React.js.
- Built modular and reusable UI components, improving page performance and maintainability.
- Integrated REST APIs and enhanced client-side state management with Redux and Hooks.
- Collaborated closely with backend teams to ensure smooth API integration and delivery.

Full Stack Developer Trainee – Brototype, Kerala Jan 2024 – June 2025

- Completed an intensive 1-year, project-driven Full Stack Web Development program focused on the MERN stack.
- Built multiple end-to-end web applications using React.js, Node.js, Express.js, and MongoDB.
- Designed RESTful APIs, implemented JWT-based authentication, and integrated payment gateways.
- Structured scalable backend architectures using MVC and modular design principles.
- Practiced problem-solving, debugging, and Git-based version control workflows.

Project Engineer – WALCO MIDDLE EAST, Qatar Jan 2019 – Dec 2023

- Managed manpower at site and workshop in coordination with the mechanical supervisor and submitted Final Service Reports for completed projects.
- Conducted regular meetings with the project team, managed material requisitions, and ensured timely purchase and delivery.
- Supervised mechanical workshop operations, monitored employee performance, and developed execution plans to ensure successful service delivery.

Major Projects

TutorG – eLearning Platform [Live Demo](#) [GitHub](#) Nov 2024 – Jan 2025

- Improved a full-featured personalized learning platform using the MERN stack to support collaborative skill-building.
- Engineered a responsive, dynamic frontend with React, TypeScript, Tailwind CSS, and Material UI for seamless user experience.
- Built a scalable backend with Node.js, Express.js, and MongoDB using TypeScript in a layered, modular architecture.
- Implemented JWT-based authentication and OTP verification via Nodemailer for enhanced security.
- Integrated Cloudinary for efficient media storage and Multer for smooth file uploads.

- Enabled real-time chat with Socket.io and video calling via Zegocloud (WebRTC).
- Handled secure payments using Stripe API.
- Utilized Toastify for intuitive real-time notifications.
- Adopted Repository pattern for clean separation of concerns and better scalability.

Moment – E-Commerce Website

[Live Demo](#) [GitHub](#)

May 2024 – Jun 2024

- Streamlined a full-stack e-commerce platform (online watch store) with responsive UI using HTML, CSS, JavaScript, and Bootstrap.
- Built scalable backend with Node.js, Express.js, and MongoDB following MVC architecture.
- Implemented product listing, cart, wishlist, checkout, and coupon system for smooth shopping.
- Integrated Razorpay for secure payments and Nodemailer for OTP-based authentication.
- Enabled image uploads for products and profiles using Multer.
- established separate admin and user dashboards with role-based access control and management features.
- Generated dynamic sales reports with charts and improved UX using SweetAlert.
- Deployed on Render with automatic HTTPS and zero-downtime scaling.
- Technologies: Node.js, Express.js, MongoDB, Bootstrap, Razorpay, Nodemailer, Multer, SweetAlert, Render

Projects

Production-Ready Blog Platform – Next.js 16, MongoDB, NextAuth

[GitHub](#) [Live](#)

- Built a full-stack blog platform using Next.js 16 (App Router) with secure authentication and role-based admin dashboard.
- Implemented blog CRUD operations, pagination, protected routes, and newsletter subscription system.
- Integrated Cloudinary for image uploads and Nodemailer (Gmail SMTP) for automated email notifications on blog publish/update.
- Applied secure environment variable handling and production-level project architecture.

Doctor's Appointment Booking System – React, Tailwind CSS

[GitHub](#) [Live](#)

- Generated a responsive booking application with scheduling, viewing, and management features.
- Built with React.js for smooth, interactive web design.
- Used Tailwind CSS for a clean, modern, and user-friendly interface.

Bon Marine Asia – Ship Chandling Website (React + Tailwind CSS)

[GitHub](#) [Live](#)

- Production-ready website for maritime supply and ship chandling services near Vizhinjam Seaport.
- Built with React, Vite, Tailwind CSS, and React Router; features lazy loading and improved performance.

LinkedIn Clone – HTML, CSS, JavaScript

[GitHub](#) [Live](#)

- Enhanced a responsive LinkedIn-style UI clone with interactive feeds, profile pages, and mobile-first layouts.

Corso – Training Website (Bootstrap + Sass)

[GitHub](#) [Live](#)

- Responsive training website with light/dark mode, carousels, sticky navbar, and interactive forms.

Education

BTech in Mechanical Engineering (CUSAT)

June 2013 – May 2017

Full Stack Web Development (Udemy Certification)

Jan 2024 – Dec 2024